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**Kohli et al.**(10) **Pub. No.: US 2008/0003096 A1**(43) **Pub. Date: Jan. 3, 2008**(54) **HIGH COVERAGE COOLING HOLE SHAPE****Publication Classification**(75) Inventors: **Atul Kohli**, Tolland, CT (US);  
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Portland, CT (US)(51) **Int. Cl.**  
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A cooling hole for a gas turbine engine component has a bi-lobed shape to improve cooling effectiveness. The gas turbine engine component has a first outer surface and a second outer surface separated from each other by a thickness. The cooling hole extends through the thickness from a first opening at the first outer surface to a second opening at the second outer surface. The first and second openings are defined by shapes that are different from each other. One of the first and second openings has the bi-lobed shape.

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